



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6405G04132-3G-2

Job Sheet 199497



DAG
21
9-89

Part No: RBW6405G04132-3G-2

Job Qty: 6 pcs

Part Name: Hub



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 8/26/19

Job Tracking No:

Due Date: 9/20/19

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG RBW6405G04132-3G Rev.E IPP Rev. A 19.03.08 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign off
					Setup Hrs	Run Hrs		
100	SL-2500Y - 1	6 pcs	9/20/19	9/20/19	1.00	6.00	SL-2500Y - 1	
110	QC 2	6 pcs	9/20/19	9/20/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	
							QC 2 - 65	



Container No: S210707



Part: RBW6405G04132 - 3G - 2

Job No: 199497

Serial No/Batch: S210707

Revision: E

Inspector:

Exp Date:

Instructions:

Date: 09/11/19

					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
120	NV5000 - 1 - B4B	6 pcs	9/20/19	1.00 12.00	NV5000 - 1 - B4B	J.C.V.
					NV5000 - 2 - B4B	
130	QC 2	6 pcs	9/20/19	0.00 0.00	QC 2 - 1	
					QC 2 - 12	
					QC 2 - 14	
					QC 2 - 17	
					QC 2 - 19	
					QC 2 - 2	
					QC 2 - 20	
					QC 2 - 22	
					QC 2 - 23	
					QC 2 - 25	
					QC 2 - 32	J.C.V. 12-09-09
					QC 2 - 33	
					QC 2 - 35	
					QC 2 - 39	
					QC 2 - 4	
					QC 2 - 40	
					QC 2 - 44	
					QC 2 - 45	
					QC 2 - 48	
					QC 2 - 49	
					QC 2 - 50	
					QC 2 - 51	
					QC 2 - 52	
					QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
150	QC 8	6 pcs	9/20/19	0.00 0.00	QC 8 - 12	J.C.V. 19/09/14
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	

				QC 8 - 1 (A)		
				QC 8 - 47		
				QC 8 - 40		
				QC 8 - 52		
				QC 8 - 23		
				QC 8 - 57		
180	Outsource - 4 - Anodize	6 pcs	9/20/19		ATG001-VC	10
190	Packaging 2-1 - Receive - B4B	6 pcs	9/20/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B		
				Packaging 2 - 3 - B4B		
				Packaging 2 - 5 - B4B		
				Packaging 2 - 4 - B4B		
				Packaging 2 - 6 - B4B		
				Packaging 2 - 7 - B4B		
				Packaging 2 - 8 - B4B		
				Packaging 2 - 9 - B4B		
				Packaging 2 - 10 - B4B		
				Packaging 2 - 11 - B4B		
				Packaging 2 - 12 - B4B		
				Packaging 2 - 13 - B4B		
				Packaging 2 - 14 - B4B		
				Packaging 2 - 15 - B4B		
				Packaging 2 - 16 - B4B		
				Packaging 2 - 17 - B4B		
				Packaging 2 - 18 - B4B		
				Packaging 2 - 19 - B4B		
				Packaging 2 - 20 - B4B		
				Packaging 2 - 21 - B4B		
				Packaging 2 - 22 - B4B		
				Packaging 2 - 23 - B4B		
				Packaging 2 - 24 - B4B		
				Packaging 2 - 25 - B4B		
				Packaging 2 - 26 - B4B		
				Packaging 2 - 27 - B4B		
				Packaging 2 - 28 - B4B		
				Packaging 2 - 29 - B4B		
				Packaging 2 - 30 - B4B		
				Packaging 2 - 31 - B4B		
				Packaging 2 - 32 - B4B		
				Packaging 2 - 33 - B4B		
				Packaging 2 - 34 - B4B		
				Packaging 2 - 35 - B4B		
				Packaging 2 - 36 - B4B		
200	QC 6	6 pcs	9/20/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68		
				QC 6 - 61		
				QC 6 - 40		
				QC 6 - 81		
210	Packaging 3-1 - Stock - B4B	6 pcs	9/20/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		

2019-09-25

SEP 11 2019

SEP 12 2019
DAS 40
9-00

DAS 28
9-00

Packaging 3 - 12 - B4B	
Packaging 3 - 13 - B4B	
Packaging 3 - 14 - B4B	
Packaging 3 - 15 - B4B	
Packaging 3 - 16 - B4B	
Packaging 3 - 17 - B4B	
Packaging 3 - 18 - B4B	
Packaging 3 - 19 - B4B	
Packaging 3 - 20 - B4B	
Packaging 3 - 21 - B4B	
Packaging 3 - 22 - B4B	
Packaging 3 - 23 - B4B	
Packaging 3 - 24 - B4B	
Packaging 3 - 25 - B4B	
Packaging 3 - 26 - B4B	
Packaging 3 - 27 - B4B	
Packaging 3 - 28 - B4B	
Packaging 3 - 29 - B4B	
Packaging 3 - 30 - B4B	
Packaging 3 - 31 - B4B	
Packaging 3 - 32 - B4B	
Packaging 3 - 33 - B4B	
Packaging 3 - 34 - B4B	
Packaging 3 - 35 - B4B	
Packaging 3 - 36 - B4B	

220 QC 21 - SA 6 pcs 9/20/19 0.00 0.00

Close w/o only

QC 21 - SA - 21
QC 21 - SA - 70

21
SEP 17 2019
6A092F

Part Op 100 - 1-Machine as per folio FC939 FOLIO REV: AA DWG REV: E 2-Debur
Descriptions: **110** - QC2- Inspect parts off machine FAI/FAIB
120 - 1-Machine as per folio FC939 FOLIO REV: AA DWG REV: E ***Drill holes to section B-B 2 places and hole for helicoil*** 2-Debur
130 - QC2- Inspect parts off machine FAI/FAIB
150 - (QC8- Inspect parts - second check) 1-Engrave T/N number as required Using Marktronic engraver as per DWG.
180 - -Issue P/O; _____ -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant - Material type; 6061T6 -Certificate of Conformity is required
190 - (Receive & Inspect for Damage & Mat'l Certs)
200 - (QC6- All purchased or subcontracted products)
210 - (Identify as per dwg & Stock Location: _____)
220 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R8.000	6061-T6 Round Bar 8.000"	2.3100 ft (.385 ea)	100-SL-2500Y - 1	5202958

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-SL-2500Y - 1	M6061T6R8.000	2	6	0

Part Specifications

Specifications could not be found.

199497

DART AEROSPACE LTD		Work Order:	198045
Description: Duplex Bearing installation		Part Number:	RBW6405604132-36
Inspection Dwg:	Rev: E	Page 1 of 1	

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Lathe → 4.528	$\pm .005$	4.527			Caliper	.0025 ϕ 1
3.308 (REF)	$\pm .005$	3.3065			caliper	
1.220	$\pm .005$	1.22			caliper	
$\phi .626$	$\pm .005$	.626			Doane pin and caliper	
$\phi 7.875$	$\pm .005$	7.875			Caliper	
$\phi 3.937$	$\pm .005$	3.937			Microscope	
$\phi 2.362$	$\pm .005$	2.3635			Microscope	
1.890	$\pm .005$	1.8895			deep gage	
R.015 $\frac{1}{4}$ "	$\pm .005$	R.015			deep gage	
R.022	$\pm .005$	.22			RAD Gage	
.08 X 45° 3X	$\pm .01$	.08 X 45°			CALIPER	
.03 X 45° 2X	$\pm .01$	.03 X 45°				
Milling → 2.369	$\pm .005$	2.369	✓		Caliper	30L-08
0.433	$\pm .005$	0.437	✓			
1.16	$\pm .005$	1.160	✓			
1/4-28	Helicoil	O.K.	✓		Go. No-Go	
1.97	$\pm .010$	True	✓			
3.454	$\pm .001$	3.454	✓		Caliper	30L-08
$\phi .1867$	$\pm .001$	0.187	✓		Pin Gage	
.54	$\pm .01$	.542	✓			

Measured by: R/S.C.V.	Checked by: [Signature]	QC Inspector:
Date: 19/8/31	Date: 19/09/04	Date:

Engineering Approval: (If necessary)	Date:
--	--------------

Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐		MRB (QS1042) ☐																								
Date : _____		Sequence #: _____		QTY Affected : _____		MRB (QS1042) ☐																								
Description Work Order Deviation				Disposition																										
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY																										
				<table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>			Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread
Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong																											
Bending	Misaligned/off center	Folio/Program	Outside Tolerance																											
Crushing	BOM/Route	Grain Direction	Drawing																											
Cracks	Broken/Damage/Defect	Weld	Finish																											
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Marks/Chatter	Drill Holes	Out of Sequence	Misread																											
Mislabeled	Fit/Function	Off-set/Set-up																												
Other/Details: _____				Completed By _____ Lead hand / Supervisor																										
QC / QA Coordinator _____				QC / QA Coordinator _____																										



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044432



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044432

PO Date: 9/6/19

Due Date: 9/10/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-09-10

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	199497	RBW6405G04132-3G-2	Hub -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	9/10/19	5 pcs	0 pcs	5 pcs	\$6.40/pcs	\$32.00
2	197581	RBT18402-7	Tube Insert Weldment -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	9/10/19	32 pcs	0 pcs	32 pcs	\$6.40/pcs	\$204.80

DAS
40
9-89

SEP 11 2019
5210707
DP



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044432



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	197332	D4824-1	Upper Cutter Mount : Various STC's Issue P/O: Black Anodize as per Dwg D4824 PRIME AS PER DWG, SEE NOTE #2	Firmed	-	9/10/19	16 pcs	0 pcs	16 pcs	\$15.75/pcs	\$252.00
Grand Total:										\$488.80	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/11/19 10:04 AM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 918570

Date: 10-Sep-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

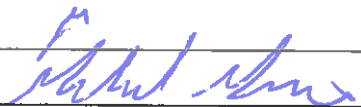
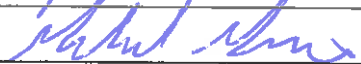
Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
5 ea	Part: RBW6405G04132-3G-2 Hub Anodize per MIL-A-8625F, Type II, Class2, Red, Water Sealant .0004-.0010" (4 - 1 mils). Job: 25898 PO: POHB044432		Rev: E DAS 40 9-89 Line: 1
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>SEP 10 2019</u> Certified Signature: <u></u> Receiver Signature: <u></u> A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada.			

RECEIVED
SEP 10 2019
DART AEROSPACE LTD.